

## TECHNICAL BULLETIN

### Selecting Treated Wood For Use With Naturally Durable Hardwoods

#### AWPA Category Use Chart

Including commercially available treatments.

Use Category	Service Conditions	Use Environment	Common Agents of Deterioration	Typical Applications	Examples of Treatment/Retention Rates (pcf)
<b>UC4A</b>	Ground contact or fresh Water, non-critical components	Exposed to all weather cycles, normal exposure conditions	Decay, fungi, insects	Fence, deck, guardrail posts, cross ties, utility posts (low decay areas)	.15 MCA .15 CA-C (dissolved) .40 ACQ
<b>UC4B</b>	Ground contact or fresh water, critical components or difficult replacement	Exposed to all weather cycles, high decay potential including salt water splash	Decay, fungi, insects with increased potential for biodeterioration	Permanent wood foundations, building poles, horticultural posts, crossties, and utility poles.	.60 CCA .23 MCA .31 CA-C (dissolved) .80 CCA (boards and timbers) .60 ACQ
<b>UC4C</b>	Ground contact or fresh water, critical structural components	Exposed to all weather cycles, severe environments, extreme decay potential	Decay, fungi and insects with extreme potential for biodeterioration	Land and fresh water piling, foundation piling, crossties, and utility poles (severe decay areas)	.80 CCA (piling only)
<b>UC5B</b>	Salt or brackish water New Jersey through Georgia on East Coast	Continuous marine exposure (salt water)	Salt water organisms including Limnoria Tripunctata	Piling, bulkheads, bracing	2.5 CCA

Exerpts from AWPA U1-17, Use Category System: User Specification for treated wood, Table 2-1